

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

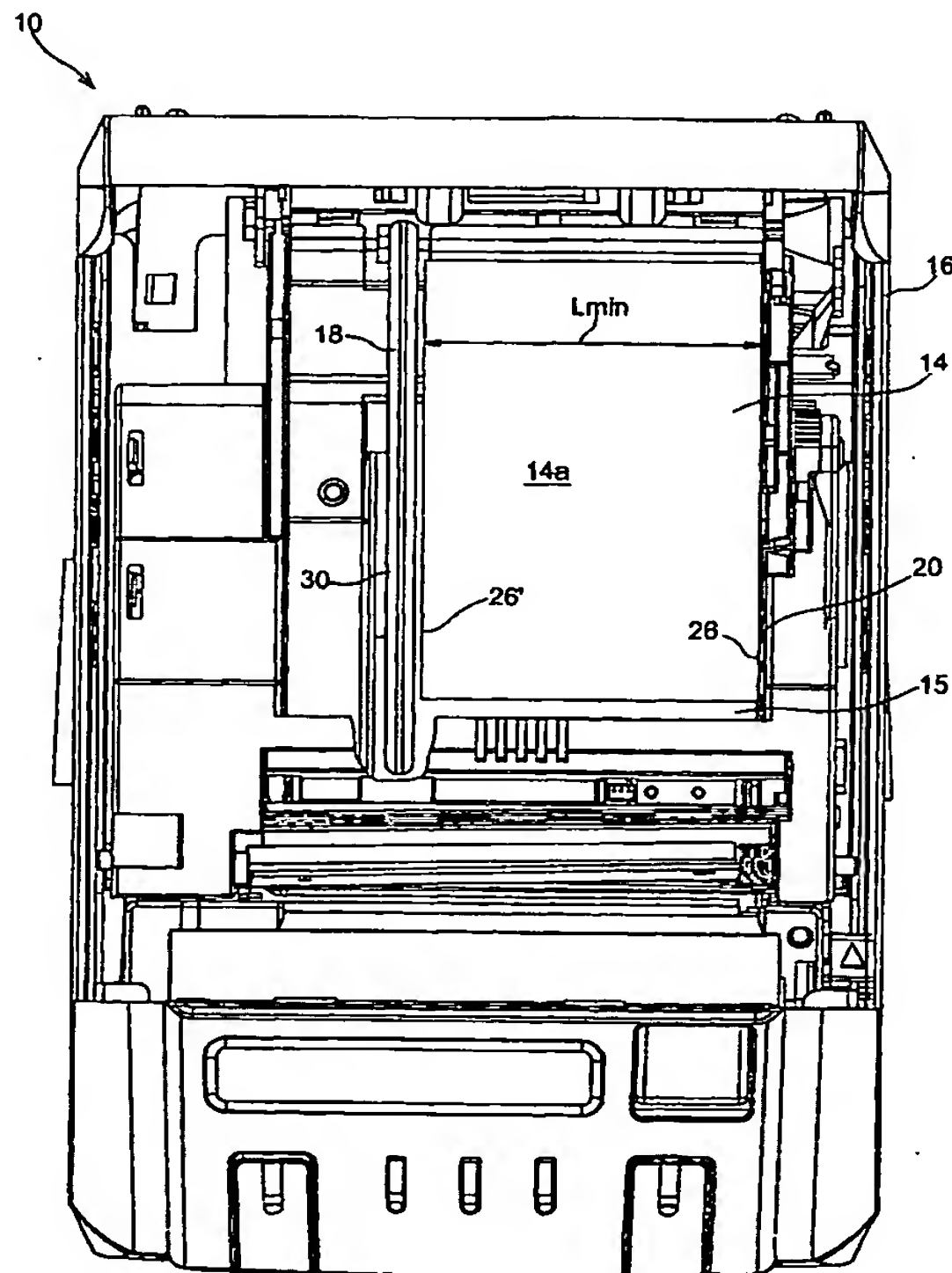
PCT

(10) International Publication Number
WO 2005/047152 A1

- (51) International Patent Classification⁷: **B65H 16/06**
- (21) International Application Number:
PCT/IT2004/000633
- (22) International Filing Date:
16 November 2004 (16.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
TO2003 U000182
17 November 2003 (17.11.2003) IT
- (71) Applicant (for all designated States except US):
OLIVETTI TECNOST S.P.A. [IT/IT]; Via Jervis,
77, I-10015 Ivrea (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **COLOMBI, Al-**
berto [IT/IT]; c/o Olivetti Tecnost S.P.A., Via Jervis, 77,
I-10015 Ivrea (IT). **DELLEA, Marco** [IT/IT]; c/o Olivetti
Tecnost S.P.A., Via G. Jervis, 77, I-10015 Ivrea (IT).
- (74) Agent: **GALLO, Mario**; c/o Telecom Italia S.p.A., CLA-
Ufficio Brevetti, Via Jervis, 77, I-10015 Ivrea (IT).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: SYSTEM AND ELEMENT FOR Laterally POSITIONING PAPER ROLLS OF DIFFERENT WIDTH



(57) Abstract: In a receipt printer (10), suitable for printing on a paper ribbon of different widths, wound on a roll (14) arranged in a seat (15, 22, 23, 24) in the printer, a wall is provided for the lateral positioning (18, 30) of the roll of paper (14) in its seat, to keep the paper ribbons, or the respective rolls (14a, 14b) of at least two different widths in the proper printing position, independently of the width of the ribbon; the positioning wall (18) is arranged inside the seat (15) of the roll of paper, with a first surface (44) facing a side (26') of the same roll (14a). When the roll (14a) is replaced with another roll (14b) of different width, the positioning wall (18) is repositioned in the seat (15, 22, 23, 24), rotated through 180°, to laterally retain the new roll (14b) with the second face (45), opposite the first face (44); the positioning wall (18) is suitable for being attached to the walls (22, 23, 24) of the seat (15) through flat tabs (38, 39, 40), protruding beyond the edge (32) of the positioning wall (18); the positioning tabs (38, 39, 40) are all arranged staggered on one side (44), with respect to the median plane of the wall (18) and flush with one (44) of the two faces of the positioning wall (18) and are also suitable for engaging corresponding pairs of slots (41, 42, 43) formed in the walls of the seat (15).



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,*

SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- *of inventorship (Rule 4.17(iv)) for US only*

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.